

Web Version without Attachments

MEMORANDUM FOR DoD MODELING AND SIMULATION WORKING GROUP (MSWG)
MEMBERS

SUBJECT: Minutes for the March 10, 1995, MSWG Meeting

CAPT Hollenbach, Director, Defense Modeling and Simulation (M&S) Office (DMSO), chaired the March 10, 1995 MSWG meeting; Attachment 1 identifies attendees. Meeting highlights follow:

Visitor Acknowledgments. CAPT Hollenbach welcomed:

- Dr. Bill Kissick and Mr. Jim Hoffmeyer from the Department of Commerce's Institute for Telecommunications Sciences (ITS).

- Dr. Michael Callaham, Congressional Office of Technology Assessment (OTA). Dr. Callaham gave a short overview of where the OTA is in terms of its task to review the status of Modeling and Simulation. OTA may produce two types of documents: (1) Background Papers (BPs), which provide factual background information, may be tutorial in nature but cannot discuss policy issues; and (2) Issue Papers (IPs), which address policy alternatives that Congress may wish to consider. He stated that OTA's Virtual Reality (VR) Background Paper (BP) was now available for public release and the two additional BPs--one on Distributive Interactive Combat Simulation and the other on the History of the Federally Funded Research and Development Centers (FFRDCs)--were being reviewed by the Advisory Panel. MSWG members who would like to receive copies of these background papers should contact either Dr. Brian McCue or Dr. Callaham via e-mail: bmccue@ota.gov and mcallaham@ota.gov, respectively. Additionally, copies of the VR BP may be obtained by going through either OTA's World Wide Web (WWW) site or by using the Universal Resource Link (URL) File Transfer Protocol (FTP) as follows:

OTA WWW site: enter "<http://www.ota.gov>" and then follow the menu to the "VR & Combat Simulation"

URL FTP: enter "[FTP://otabbs.ota.gov/pub//VR.military/hypertext](ftp://otabbs.ota.gov/pub//VR.military/hypertext)" and go to "contents.htm"

The above instructions should also work for additional BPs or IPs cleared for public release.

BMDO Announcement. Dr. Bravy asked the group to assist BMDO in identifying an existing analytical campaign level model that

would support evaluation of tactical ballistic missiles and cruise missile "leakers." The candidate model should either include logistics or be amenable to logistics inputs. He asked that the members provide the model identification, point of contact, and any documentation. If you can help, please contact Dr. Bravy, BMDO/AQM, phone: (703) 604-0355, fax: (703) 604-0691.

May 10, 1995 MSWG Meeting Agenda (Tentative)(briefed as the April 5, 1995, MSWG Meeting Agenda). The next MSWG will address:

- DoD Modeling and Simulation Master Plan Status Report (including coordination status, Architecture Management Group (AMG), Conceptual Model of the Mission Space (CMMS), and related Task Force reports);
- Data and Repositories Technical Working Group (DRTWG) progress report;
- Proposed Navy (N-096) execution plan as DoD Modeling and Simulation Executive Agent (MSEA) for Oceans and Atmosphere; and,
- Proposed Air Force execution plan for DoD MSEA for Atmosphere and Space.
- Information briefings from: Air Force and OSD OD(PA&E).

March 22, 1995, EXCIMS Meeting Agenda. The MSWG concurred with the following agenda:

- High Level Architecture (HLA) Initial Definition Briefing;
- AMG Membership;
- Verification, Validation, and Accreditation (VVA) Progress Report
- Data and Repositories Technical Working Group (DRTWG) Progress Report; and,
- Aggregate Level Simulation Protocol (ALSP) Core Support

HLA Initial Briefing. Dr. Randy Garrett, ARPA, provided an information briefing on the HLA. He reported on the ARPA Program Evaluation Team's progress to date, summarized HLA technical concepts, and identified the remaining effort that the AMG will pick up.

AMG Membership. CAPT Hollenbach briefed the MSWG on the AMG's purpose, objectives, membership selection factors,

membership and management structure, principles of operation, planned schedule, and proposed membership. During the MSWG's discussion of AMG membership, they agreed by consensus vote to add two additional affiliate members: Mr. Pottmyer from the Joint Theater Level Simulation/Global Command and Control System and Mr. Kirkland, representing the Integrated Air Defense System.

Verification, Validation, and Accreditation (VV&A) Technical Working Group (TWG) Progress Report. Dr. Sanders, OSD OD(TSE&E) briefed the MSWG on the draft DoD Instruction (DoDI) on VV&A and the Joint Simulation Endorsement Process (JSEP). The draft VV&A DoDI has completed informal staffing and should begin formal coordination soon. Dr. Sanders offered to brief Principal decision-makers on the DoDI. She also briefed the group on the JSEP. The Joint Advanced Strike Technology (JAST) Program has offered to test the JSEP. The MSWG agreed to recommend that the EXCIMS consider adopting the JSEP.

Data and Repositories Technical Working Group (DRTWG) Progress Report. Dr. Kameny, RAND, summarized a wide array of current and planned DRTWG activities. She reported on the status, accomplishments, and activities for: the M&S Data Administration program; the Repositories Task Force; the Validation, Verification and Certification (VV&C) subgroup; the Distributed Interactive Simulation Data Standards/Repositories Special Interest group; the Complex Data Subgroup; and the Data Security Requirements Task Force. She concluded her progress report with a road map of M&S near-, mid-, and long-term goals for the DoD M&S Data Administration program, FY 1995 and FY 1996 investment levels.

Aggregate Level Simulation Protocol (ALSP) Core Support Review. CAPT Hollenbach summarized the March 1, 1995, ALSP Core Support review results. The review considered the need for ALSP systems engineering core support requirements beyond FY 1994 based on a review and proposed funding responsibilities. The MSWG considered two issues: first, whether to recommend that eight staff-years per year be sustained but subject to annual core support review; and, second, whether to revise the March 1993 EXCIMS-approved allocations of support responsibility to reflect one staff-year each from the Services, and two staff-years each from the Joint Staff (J-7 and J-8) and the DMSO. The MSWG agreed on both proposals and to recommend EXCIMS approval.

M&S Executive Agent (MSEA) Briefings. The MSWG considered three separate proposals for MSEA designation:

- Navy's proposal to become MSEA for Oceans and Atmosphere, briefed by CDR Tielking, Office of the Oceanographer of the Navy (OPNAV N-096). (See Attachment 2.)

- Air Force's proposal to be designated MSEA for Atmosphere and Space, briefed by Col Tascione, Deputy Director of the Headquarters Air Force Weather Directorate (AF/DXOW). (See Attachment 3.)

- Army's proposal to be MSEA for Atmosphere and Space was briefed by Mr Burger and Mr Lamar from the US Army Space and Strategic Defense Command. (See Attachment 4.)

The MSWG discussed the MSEA designation process following the briefings; however, the group was unable to arrive at consensus on designation of any of the contending MSEAs. Key points arising from the ensuing discussion were that:

- Specific criteria to define MSEAs needs to be developed so that the MSWG has a reasonable basis for making a decision.

- Other DoD executive agent designations should be considered so that the DoD M&S community doesn't unnecessarily re-fight past battles and decisions.

- The MSWG wants an MSEA definition that addresses responsibilities, authorities, and functions.

- MSEA presentations were not-standardized so that the MSWG could not make a rational comparison.

- The MSEA workload may force candidate MSEAs to give up functions now being performed to take on those associated with the MSEA function.

In response to this discussion, CAPT Hollenbach agreed that the DMSO would develop criteria to standardize the MSEA evaluation process.

James W. Hollenbach
Captain, USN
Director, Defense Modeling
and Simulation Office

Attachments
As stated

cc:

PMA-248 (CAPT Heineman)
JSIMS JPO (CAPT Falkey)
USACOM J-7A (CAPT Sherlock)
DAMO-TRS (LTC(P) Bourn)

Modeling & Simulation Working Group (MSWG)
 March 10, 1995
 Meeting Attendance

<u>Organization</u>	<u>Attendees</u>
DMSO	CAPT Hollenbach *
	COL Wiedewitsch
	LtCol Bartlett
	CDR Misch
	Dr. Huo
	Mr. Gajkowski
	Mr. Shaw
OUUSD(A&T) OSD OD(TSE&E)	Mr. Burge
OUUSD(P&R)	Mr. Johnson
OASD(C3I)	LTC Hauck
OASD(EcS)	Mr. Myers **
OASD(RA)	CDR Rezendes
ODDR&E	Not Present
OSD OD(TSEE) (MSEE)	Mr. Burge **/***
OSD OD(PA&E)	Dr. Henningsen **/***
The Joint Staff (J-7/JETD)	CAPT Renninger **/***
J-8 STOPD	Mr. McGuire (J-8) **
JWFC/Technical Div	Col Verbeck
JWFC/Technical Div	Lt Col Martin
JWFC/Technical Div	Mr. Winger
Army (USA MSMO)	COL Hardin
ODCSOPS DAMO-TRS	LTC(P) Bourn
USA SSDC	Mr. Burger
USA SSDC	Mr. LeMar
Navy (N6M/NavMSMO)	Mr. Phillips **
NAVAIR (PMA-248/JTCTS)	CAPT Heineman
CNO N096 (961E)	CDR Tielking
CNO N096 (961E)	Mr. Weitzner
NAWCADWAR	Mr. Gramp
	Mr. Melcher
Air Force (HQ AF/XOMW)	Col Stanfill **
AF/XOMT	Ms. Gordon
AF/XOMT	Maj Lanicci
AF/DXOW	Col Tascione
PL/GL	Col Smith
Marine Corps	Col Hanover **
	Maj Fish
IC M&S COG/DIA	Mr. Guenther
	Mr. Bernstein
ARPA	COL Reddy
	Dr. Garrett
BMDO	Dr. Bravy

DISA/D8
D8

Mr. Pottmeyer
Maj Phillips

Attachment 1

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Modeling & Simulation Working Group (MSWG) March 10, 1995, Meeting
Attendance (continued)

<u>Organization</u>	<u>Attendees</u>
DMA/TMPO	Mr. Rodrigue
	Mr. Jacober
DNA (OPNA)	COL Toops
	MAJ Chipman
AMG	Dr. Ivanetich
D/RTWG	Dr. Kameny
U. S. Congress/OTA	Dr. Callaham
Dept of Commerce/NTIA/ITS	Dr. Kissick
	Mr. Hoffmeyer

- * MSWG Chair
- ** MSWG Member
- *** Functional Working Group Leader/Co-Leader